

6 AND 12 FIBER LC SIMPLEX TO BLUNT, 900µm SPLICE-ON PIGTAIL

DESCRIPTION

The 6 and 12 Fiber LC Simplex to Blunt Splice-On Pigtails provide a reliable solution for terminating single-mode and multimode fiber via fusion splicing. Designed for use with 900µm buffered fiber, these assemblies allow fast and efficient integration with existing fiber infrastructure or new backbone cable runs. The LC connector end is factory-terminated and tested to ensure optimal performance and minimal insertion loss. The blunt fiber end is precision-cleaved for simplified field splicing, reducing installation time and labor costs.

APPLICATION

The pre-terminated 900µm buffered fiber optic pigtail sets are color-coded for easy fiber identification during fusion splicing to tight buffered fiber cables. These pigtail sets are perfect for entry facilities, enclosures, and any location requiring numerous fusion splices.

Construction	
Cable Type	Tight Buffer
Cable Jacket Rating	No Jacket, 900µm Buffered Fiber
Fiber Type	OS2
	Blunt
	OS2
	OM1 (Upon Request)
	OM3 (Upon Request)
	OM4
	OM5 (Upon Request)
Connector Type End "A"	Blunt
	LC
Connector Types End "B"	LC APC, ST, ST APC, SC, SC APC (Upon Request)
Fiber Count	6F, 12F
Buffer Color EIA/TIA 598-C	Blue
	Orange
	Green
	Brown
	Slate
	White
	Red
	Black
	Yellow
	Violet
	Rose
	Aqua

Physical Properties	
Cable Outside Diameter (µm)	900µm
Cable Construction	6F or 12F simplex tight buffered fibers
Minimum Bend Radius	Install: .53" (13.5mm)
	Long Term: .35" (9mm)
Connector Durability	500 cycles

Optical Properties	
Maximum Cable Attenuation	Multimode: 3.0dB/km @ 850nm & 1.5dB/km @ 1300nm
	Single-mode: 0.7dB/km @ 1310nm & 1550nm
	0.30dB
Maximum Connector Insertion Loss	55dB
	LC - Max .30dB; Typ .10dB
	LC APC - Max .40dB; Typ .10dB
	ST - Max .30dB; Typ .10dB
	ST APC - Max .40dB; Typ .10dB
Maximum Connector Return Loss	SC - Max .30dB; Typ .10dB
	SC APC - Max .40dB; Typ .10dB
	Single-mode: 55dB
	Multimode: 40dB

Standards	
List of Standards	ISO/IEC 11801
	ANSI/TIA-568.3-E
	TIA-604-2
	TIA-604-3-B
	TIA-604-10
	RoHS
	REACH

Environmental Properties	
Operating Temp	-4°F to 167°F (-20°C to +75°C)
Storage and Shipping Temp	-40°F to 167°F (-40°C to +75°C)
Installation Temp	-4°F to 149°F (-20°C to +65°C)

Configuration Fields **PC4LC06900RB** **LLL** **U**

Example **PC4LC06900RB** **5** **M**

Description: Core, 5M, 48STR, OS2, Blunt, AIM

"LLL" - Length
LLL = Length in Whole Numbers (001-999)
Customizable up to 45M

"U" - Unit of Measure
F = Feet
M = Meters

New Pigtails Item Number



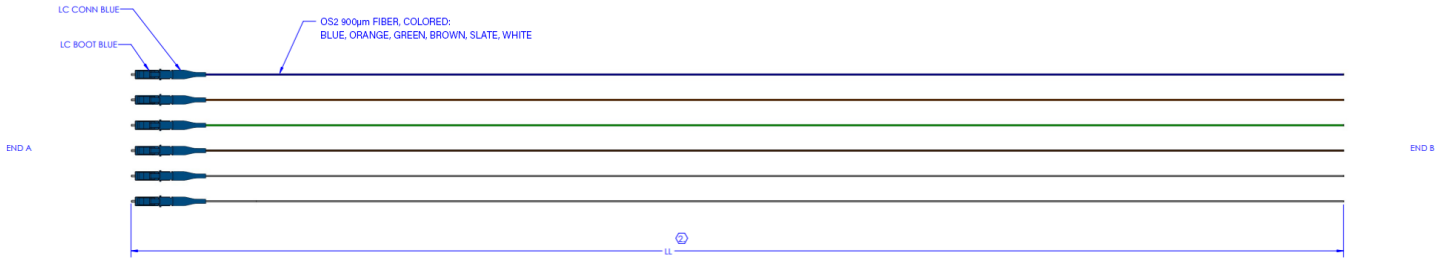
PC = Pigtail Core Performance

Fiber Type		Connector		Fiber Count		Cable Type		Color		Length		UOM	
S	SM (A1)	LC	LC	06	6F	900	900UM TB	RB	Default – TIA color code	01		M	Meter
1	OM1	LA	LC/APC	12	12F					02		F	Feet
3	OM3	ST	ST							03			
4	OM4	SA	ST/APC							Up to 10			
5	OM5	SC	SC										
		SB	SC/APC										

Available upon request

PCSLC06900RB02M

Core, 6F, Pigtail, 900µm, OS2, LC, 2M



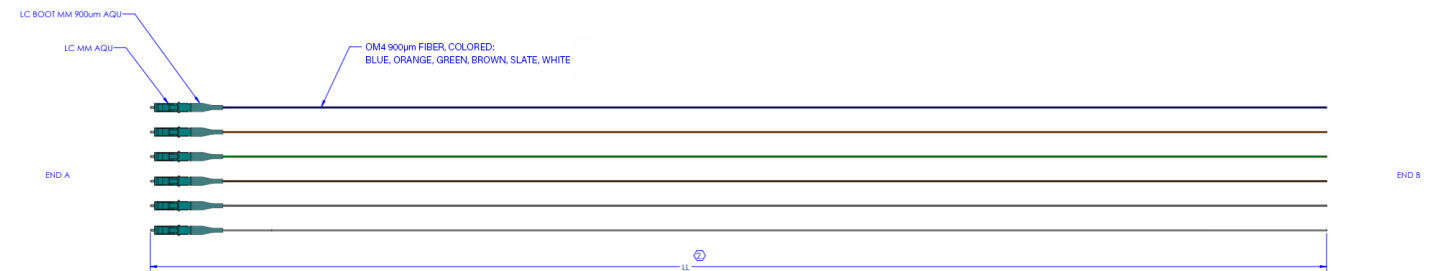
PCSLC12900RB02M

Core, 12F, Pigtail, 900µm, OS2, LC, 2M



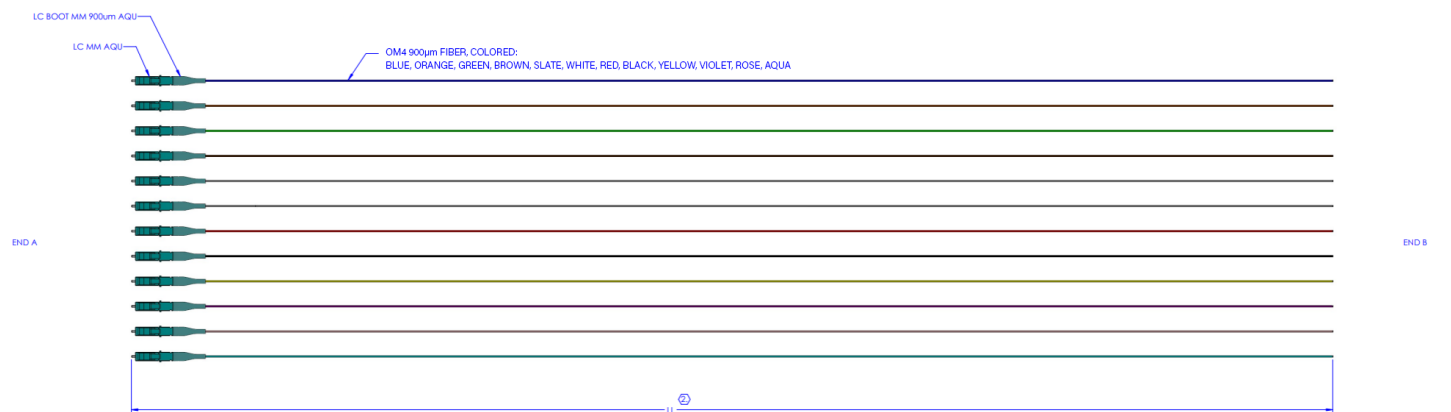
PC4LC06900RB02M

Core 6F Pigtail 900µm OM4 LC 2M



PC4LC12900RB02M

Core, 12F, Pigtail, 900µm, OM4, LC, 2M



To learn more visit
legrand.us

©2025 Legrand. All rights reserved. The industry-leading brands of Approved Networks, Ortronics, Raritan, Server Technology, and Starline empower Legrand's Data, Power & Control to produce innovative solutions for data centers, building networks, and facility infrastructures. Our division designs, manufactures, and markets world-class products for a more productive and sustainable future. The exceptional reliability of our technologies results from decades of proven performance and a dedication to research and development. V2225

Data Infrastructure
800.934.5432
legrand.us

